

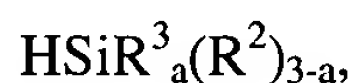
Listing of Claims

1. (canceled) A method for preparing a secondary aminoisobutylalkoxysilane comprising hydrosilating a secondary methallylamine with a hydridoalkoxysilane in the presence of an effective amount of a platinum hydrosilation catalyst.

2. (canceled) The method of claim 1 wherein the secondary aminoisobutylalkoxysilane is



the hydridoalkoxysilane is



and the secondary methallylamine is



where R^1 represents an alkyl group having 1 to 30 carbon atoms, optionally interrupted with one or more ether oxygen atoms and/or substituted with a carbonyl oxygen atom, an aryl, alkaryl, or aralkyl group having 6 to 10 carbon atoms, or a group of the formula

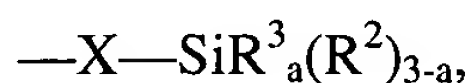


R^2 represents an alkoxy group having 1 to 6 carbon atoms or an aryloxy, alkaryloxy, or aralkyloxy group having 6 to 10 carbons, R^3 represents an alkyl group of 1 to 6 carbon atoms or an aryl, alkaryl, or aralkyl group having 6 to 10 carbon atoms; a is 0, 1 or 2; U represents a divalent linear, cyclic or branched hydrocarbon group of 1-6 carbon atoms which may be optionally interrupted by one or more ether oxygen atoms and/or substituted with a carbonyl oxygen atom; m is 0 or 1; u is 0 or 1; T is



and X is an alkylene group of 3 to 11 carbon atoms or T .

3. (canceled) The method of claim 2 wherein R^1 represents an alkyl group of 1 to 4 carbon atoms, an aryl group of 6 to 10 carbons, or a group of the formula



R^2 represents an alkoxy group of 1 to 3 carbon atoms, R^3 represents an alkyl group of 1 to 4 carbon atoms, T represents a branched alkylene radical of 4 to 8 carbon atoms comprising at least an isobutyl group, X represents an alkylene radical of 3 to 6 carbon atoms or T , a is 0 or 1,

and m is 0.

4. (canceled) The method of claim 1 wherein the hydridoalkoxysilane is selected from the group consisting of trimethoxysilane, triethoxysilane, methyldimethoxysilane, and methyldiethoxysilane; and the secondary methallylamine is selected from the group consisting of N-ethylmethallylamine, N-phenylmethallylamine, and dimethallylamine.

5. (cancelled) The method of claim 1 wherein the hydrosilation catalyst is a ~~noble~~ platinum metal-containing catalyst ~~selected from the group of platinum, rhodium, iridium, ruthenium, and osmium,~~ and said effective amount is from 5 to 500 parts per million by weight of ~~noble metal~~ platinum relative to the combined weights of the hydridoalkoxysilane and the secondary methallylamine, the molar ratio of hydridoalkoxysilane to secondary methallylamine is in the range of 0.2 to 5.

6. (currently amended) ~~The method of claim 5~~ A method for preparing a secondary aminoisobutylalkoxysilane comprising hydrosilating a secondary methallylamine with a hydridoalkoxysilane in the presence of an effective amount of a hydrosilation catalyst, wherein
the hydrosilation catalyst is a platinum metal containing catalyst, and said effective amount is from 5 to 500 parts per million by weight of platinum relative to the combined weights of the hydridoalkoxysilane and the secondary methallylamine,
the molar ratio of hydridoalkoxysilane to secondary methallylamine is in the range of 0.2 to 5, and

the hydrosilating step is performed at an elevated temperature in the range of 50 to 150° C., and at atmospheric pressure.

7. (currently amended) The method of claim 6 wherein the secondary methallylamine is a compound having a single methallyl group or dimethallylamine, the elevated temperature is in the range of 60 to 120° C. and the molar ratio of hydridoalkoxysilane to secondary methallylamine is 1 to 1.2 for secondary methallylamines with one methallyl group, and 2 to 2.4 for dimethallylamine.

8. (canceled) The method of claim 5 wherein the platinum catalyst is selected from the group of homogeneous solutions of chloroplatinic acid and homogeneous solutions of vinylsiloxane complexes of platinum, and the effective amount represents 10 to 100 parts per million by weight of platinum relative to the combined weights of the hydridoalkoxysilane and the secondary methallylamine.

9. (currently amended) ~~The method of claim 1~~ A method for preparing a secondary aminoisobutylalkoxysilane comprising hydrosilating a secondary methallylamine with a hydridoalkoxysilane in the presence of an effective amount of a platinum hydrosilation catalyst, wherein the secondary methallylamine is added to a mixture comprising the hydridoalkoxysilane and the hydrosilation catalyst at an elevated temperature.

10. (currently amended) ~~The method of claim 1 further~~ A method for preparing a secondary aminoisobutylalkoxysilane comprising hydrosilating a secondary methallylamine with a hydridoalkoxysilane in the presence of an effective amount of a platinum hydrosilation catalyst, comprising adding an alcohol to the reaction product of the hydrosilating step.

11. (currently amended) ~~The method of claim 1 further~~ A method for preparing a secondary aminoisobutylalkoxysilane comprising hydrosilating a secondary methallylamine with a hydridoalkoxysilane in the presence of an effective amount of a platinum hydrosilation catalyst, comprising subsequently purifying the secondary aminoisobutylalkoxysilane.

12. (canceled) The method of claim 1 wherein said hydrosilating step is conducted at a elevated temperature.